

Washington State Technology Transfer Center
To The
NorthWest Pavement Management Association

Proposed Road and Street Management Program

The Washington State Technology Transfer Center (WST2) under the auspices of the NorthWest Pavement Management Association (NWPMA) is currently developing a formal training program for local agencies titled the Road and Street Management Program (RSMP).

This program is built around the training matrix that was developed by the Training Committee of the NWPMA. The Training Committee, chaired by Mr. Bill Whitcomb, put considerable effort into identifying and prioritizing training topics that provide the essential skills necessary for the association members to perform their jobs effectively and provide a foundation for career advancement. It is envisioned that the Training Committee will continue to act in an advisory role in the implementation and administration of this program.

The RSMP is designed around a core set of training topic requirements and offers elective courses to round out the training and allow for individual specialization. The core requirements were drawn from those training topics identified by the Training Committee as having the highest priority for the association members. The ten core requirement courses provide a well-rounded set of skills needed for roadway management. The following training topic areas constitute the core requirements:

1. Concepts of Pavement Management
2. Pavement Condition Rating Training
3. Preventive Maintenance Treatments
4. Fundamentals of Concrete Pavement Design
5. Fundamentals of Asphalt Pavement Design
6. Fundamentals of Pavement Construction
7. Effective Presentation Skills
8. Effective Report Writing
9. Technical Math: Correspondence Course
10. Principals of Supervision

The following elective courses have been identified as providing important skills and may include other courses as well:

1. Fundamentals of Roadway Construction Materials
2. Design and Maintenance of Gravel Roads
3. Integrating GIS and GPS Into Pavement Management
4. Environmental Concerns for Pavement Managers
5. Introduction to Finances for Pavement Managers

6. Asset Management
7. Highway Drainage

It is anticipated that a student will complete the core set of courses and an additional 1 or 2 electives. When completed the student will earn a Certificate of Achievement (CA) in Road Management. Courses do not need to be taken in any particular order so a student can join the program at any point. It is expected that 5 or 6 courses will be offered each year, several may be offered as pre-conference workshops at the Fall and Spring NWPMA conferences. Students should be able to complete the program and earn a Certificate in 2 to 3 years.

Credit can be given to students for courses completed since January 1, 2000. This is when the WST2 Center automated its student and course tracking system. Just let the T2 Center know which courses have been completed and those student records will be flagged as meeting a program requirement.

This program offers benefits to both the student and the employer. By completing the program the student demonstrates his or her commitment to improving job performance and acquiring a well-rounded skill set to better serve the student, agency and the public.